



Department of
**Environment &
Conservation**

Public Meetings

Draft Intended Use Plans for

Clean Water State Revolving Fund and Drinking Water State Revolving Fund
and Information on State Water Infrastructure Grants

June 27, 2023

Public Meeting Agenda

9:00 AM: Clean Water State Revolving Fund Informational Session

- Welcome and Overview
- Presentation from TDEC
- Question and Answer Session

10:15 AM: Drinking Water State Revolving Fund Informational Session

- Welcome and Overview
- Presentation from TDEC
- Question and Answer Session

11:30 AM: State Water Infrastructure Grants Informational Session

- Welcome and Overview
- Presentation from TDEC
- Question and Answer Session

Introductions

- Facilitator: Tara Pedraza, Deputy Director
Office of External Affairs - Nashville
- Presenter: Vena L. Jones, Manager
State Revolving Fund & Water Infrastructure
Grants Division of Water Resources
- Virtual Host: Chuck Yoest, Regional Director
Office of External Affairs - Columbia
- Additional TDEC Staff: Seth McCormick, Technical Lead
SWIG Unit – Division of Water Resources

MS Teams Hybrid Meeting Information

- Information on how to join the online meeting is available at tn.gov/environment
 - Public Participation on the main menu
 - Water Resources Notices and Hearings
 - Links for the public meeting with today's date: 06/27/2023
 - Today's slideshow will be posted on the [SRF website](#).
- You may also call into the meeting by dialing 629-209-4396
 - Conference ID: 838 168 905#
 - Callers can mute and un-mute by dialing *6
- For technical difficulties, call 931-922-8121
 - This number is for Chuck Yoest, our virtual host

Clean Water SRF Intended Use Plan (IUP) FFY 2023 / SFY 2024

**Public Meeting
June 27, 2023**

Meeting Purpose

- Federal Fiscal Year (FFY) 2023 /State Fiscal Year (SFY) 2024 Draft Intended Use Plan (IUP) for the Clean Water State Revolving Fund (CWSRF) capitalization grant
- The IUP is an outline of the intended use of the CWSRF. It contains:
 - Priority Ranking List of eligible stormwater and sewer projects
 - CWSRF loan program goals
 - Criteria and methods used for distributing funds

CWSRF IUP: Purpose

- Section 606(c) of the Clean Water Act requires each state to annually prepare an Intended Use Plan (IUP) to outline the use of grant funds awarded to the state and to describe how those uses support the goal of protecting public health and the environment
- Explain intended use of CWSRF for FFY 2023/ SFY 2024
- Document important features of the program
- Provide for public review & comment (Comment period from June 27th – July 26th)

CWSRF BUDGET

- The State of Tennessee's allotment of FFY 2023 CWSRF Base Capitalization Grant is **\$10,897,000**
 - The State required match is 20% of the federal allocation or \$2,179,400 to receive the full allotment
- The State's allotment of FFY 2023 CWSRF BIL Supplemental Capitalization Grant is **\$30,279,000**
 - The State required match is 10% of the federal allocation or \$3,027,900 to receive the full allotment
- The EPA Capitalization Grant plus State match provides an expected **\$46,383,300** in funds available for CWSRF program in SFY 2024.

CWSRF IUP: Program Overview

- The CWSRF program was created through the 1987 Amendments to the Clean Water Act (CWA) to assist the public with wide range of water quality infrastructure projects
- The Tennessee State Wastewater Facilities Act of 1987 established a State Revolving Fund as an enduring and viable fund to provide low interest loans to local government to finance clean water infrastructure projects
- CWSRF program supports TDEC's mission to protect and promote human health & safety, and to protect and improve water quality across the state by helping communities afford safe, sustainable and resilient water systems

CWSRF IUP: Document Content

- Long-term Goals
- Short-term Goals
- Priority Ranking System (including Priority Ranking List)
- Financial Status
- Criteria and Methods for Distribution of Funds
- FFY 2023 Appropriations Bill & Other Requirements

All documents are posted on the SRF website:

<https://www.tn.gov/environment/program-areas/wr-water-resources/srfp.html>

CWSRF IUP: Goals

- **Protect and enhance the water quality** in Tennessee by ensuring the **technical integrity** of funded projects
- Maintain the **long-term financial integrity** of the CWSRF program through the judicious use and management of its assets and by realizing an adequate rate of return, preventing fraud, waste, and abuse
- Maintain a **self-sustaining** revolving fund through the CWSRF Loan Program to provide local governments in Tennessee with low-cost financial assistance for wastewater infrastructure projects
- Facilitate allocation of program resources to address the **most significant public health and water quality** compliance problems by actively working with these systems and the TDEC regulatory staff
- Promote the development of the technical, managerial, and financial capability of all publicly owned wastewater treatment works and stormwater systems to maintain compliance or meet state and federal compliance requirements.

CWSRF IUP Short Term Goals

- **Partner with** TN Department of Agriculture, **Non-Point Source 319** program to promote water quality protection
- **Expand the use of Green Project Reserve (GPR)** funding to include more projects and encourage innovative use of SRF funds following EPA's guidance.
- Review current **CWSRF rules and statute** for **potential updates** concerning stormwater project eligibilities, use of SRF funds for non-point source projects, and inclusive language for green infrastructure elements that improve hydrology and water quality.
- Review and develop recommendations for **updates to the CWSRF priority ranking system**. These updates may include, but are not limited to, improved accounting for green infrastructure and stormwater management.

CWSRF IUP: Financial Status

Financial Status of Funds for the CWSRF Loan Program	
Prior-Year (SFY2022) Carry-forward Funds*	\$136,950,682
Principal repayments and loan revenue**	59,474,000
Loan Interest Income**	9,964,000
Treasury Interest Income**	796,000
FFY 2023 Base Capitalization Grant	10,897,000
20% of FFY 2023 Base Capitalization Grant matched by State	2,179,400
FFY 2023 BIL General Supplemental Capitalization Grant	30,279,000
10% of FFY 2023 BIL General Supplemental Capitalization Grant by the State	3,027,900
4% Administration from FFY 2023 BIL General Supplemental Capitalization Grant	(1,211,160)
CWSRF Loan Program Project Funds***	\$264,253,646
*Estimated balance at June 1, 2022 pre-year-end adjustments	
** Estimated principal, interest, and treasury interest for SFY 2023	

CWSRF IUP: Priority Ranking System

- Solicitation for the CWSRF Priority Ranking List occurs at the **beginning of the calendar year** and **is a rolling list**
- Applicants seeking funding must submit a CWSRF Questionnaire including: detailed project description, project need, total project cost, projected construction start and completion dates, requested loan amount, and term of the loan
- Projects are prioritized (**Priority Ranking List**) by those that address reducing risks to human health or those working to maintain or improve compliance with CWA and Tennessee Water Quality Control Act (Rule 0400-46-01-.03) (§ 606(c)(1) CWA, 40 CFR § 35.3150)
- Projects are scored with highest scores given to those that address **discharges to impaired streams and public health** (Rule 0400-46-01-.02(2))

CWSRF IUP: Eligible Projects

Eligible Clean Water Project Categories

- Construction of municipal wastewater facilities
- Control non-point source pollution
- Decentralized wastewater treatment systems
- Green infrastructure projects
- Water quality projects
- Stormwater management
- Brownfields
- Consolidation
- Water reuse
- Asset management
- Capacity management



CWSRF IUP: Funding Projects

- Projects are ranked based on the highest number of priority points awarded on the **2023 CWSRF Priority Ranking List (PRL)** (§ 606(c)(1) of the CWA, 40 CFR § 35.3150)
- SRF gives priority to communities with projects that are **ready to proceed**
- Upon receipt of the FFY 2023 Capitalization Grants, TDEC will contact all communities with projects on the 2023 PRL with a funding **notification letter**
- Communities that do not respond to the funding notification letter or are not ready to proceed may be **bypassed**

CWSRF IUP: Financial & Technical Capacity

- SRF will assess the loan applicant's managerial, technical, and financial capacity prior to recommending the loan for approval to the **Tennessee Local Development Authority Board**
- SRF will not recommend approval of loans that cannot demonstrate **sufficient capacity to operate, maintain, and manage assets**
- Entities must have enough revenue to cover requested debt or SRF will recommend rate adjustments to ensure debt is adequately covered

TN Asset Management Plans

- As amended, by the Water Resources Reform Development Act (WRRDA), the CWA §603(d)(1)(E) requires a recipient of a loan for a project that involves the repair, replacement, or expansion of a publicly owned treatment works to develop and implement a fiscal sustainability plan (FSP) or certify that it has developed and implemented such a plan prior to NTP
- TN's Asset Management Plan is a substitute for an FSP
 - An inventory of critical assets that are part of the treatment works;
 - An evaluation of the condition and performance of inventoried assets or asset groupings;
 - A certification that the assistance recipient has evaluated and will implement water and energy conservation efforts as part of the plant; and
 - A plan to maintain, repair, and, as necessary, replace the treatment works and a plan to fund such activities
- Visit SRF website for more information on the AMP!

CWSRF IUP: Legislative Requirements

- The **Davis-Bacon** and related Acts, apply to contractors and subcontractors performing on federally funded or assisted contracts in excess of \$2,000 for the construction, alteration, or repair (including painting and decorating) of public buildings or public works. Davis-Bacon Act and related Act contractors and subcontractors must pay their laborers and mechanics employed under the contract no less than the locally prevailing wages and fringe benefits for corresponding work on similar projects in the area.
- The **American Iron and Steel** (AIS) provision requires Clean Water State Revolving Fund (CWSRF) and Drinking Water State Revolving Fund (DWSRF) assistance recipients to use iron and steel products that are produced in the United States. This requirement applies to projects for the construction, alteration, maintenance, or repair of a public water system or treatment works and if the project is funded through an assistance agreement executed beginning January 17, 2014.
- **Build America, Buy America (BABA) Act:** The Bipartisan Infrastructure Law Title IX, Subtitle A, Part 1 requires all federal equivalency projects, that are funded after May 14, 2022, met BABA requirements. BABA requires all of the iron, steel, manufactured products, and construction materials used in the project be produced in the United States. Iron and Steel products will still have to comply with AIS guidelines. For manufactured projects to meet BABA requirements, the cost of components that are mined, produced, or manufactured in the United States must be 55% or more of the total cost of all components, and does not include labor costs. Common construction materials include non-ferrous metals, plastic, and polymer-based products (including polyvinylchloride, composite building materials, and polymers used in fiber optic cables, glass (including optic glass), lumber, and drywall.

The AIS provision is a permanent requirement for all CWSRF projects. The America's Water Infrastructure Act of 2018 extends the AIS provision for DWSRF projects through Fiscal Year 2023.

CWSRF IUP: Legislative Requirements

Disadvantaged Business Enterprise (MBE)/Women's Business Enterprise (WBE) Goal

- Reporting is required for assistance agreements where funds are budgeted for construction, equipment, services and supplies with a cumulative total that exceed the threshold amount of \$250,000, including amendments and/or modifications. When reporting is required, all procurement actions are reportable, not just that portion which exceeds \$250,000.
- **Six good faith efforts:**
 - Ensure DBEs are made aware of contracting opportunities to the fullest extent practicable
 - Make information on forthcoming opportunities available to DBEs
 - Consider in the contracting process whether firms competing for large contracts could subcontract with DBEs
 - Encourage contracting with a consortium of DBEs when a contract is large
 - Use the services and assistance of the SBA and the Minority Business Development Agency of the Department of Commerce
 - If the prime contractor awards subcontracts, require the prime contractor to take action steps that support all good faith efforts

CWSRF IUP: EPA Reporting Requirements

- DBE report
- CWSRF Project Benefits Report (CBR)
- Annual Report (Section 606(d) of the CWA)

Competitive Interest Rates and Subsidy

Using the Ability To Pay Index

- Determine a community's financial capacity and economic position
- Creating a threshold for Principal (Loan) Forgiveness
- Setting SRF Determined Interest Rates
- Awarding Subsidy



CWSRF Ability To Pay Index

- The Ability To Pay Index (ATPI) is required for administration of SRF loans by the Water Resources Reform and Development Act (WRRDA) of 2014 (H.R. 3080)
- SRF and ECD (and other State partners) need a method for assessing community ability to pay for loans, grants, and other decision-making purposes
- With the updated ATPI, we are able to assess trends and update data annually to understand what is happening in TN communities

ATPI Criteria and Economic Trend Data

- WRRDA (2014) minimum criteria for assessing community ability to pay:
 - ✓ Population trend
 - ✓ Income
 - ✓ Unemployment
 - ✓ “Any other metrics”
- The 2023 ATPI includes multi-year trends on the following:
 - ✓ **Census Data** – Population trends, median household income, and food stamp dependence
 - ✓ **Economic Data** – Unemployment rates, poverty rates
 - ✓ **Financial Index** – revenues, debts, income, and expenditures

ATPI Webpage and Dashboard

- Ability To Pay Index addition to the website
 - <https://www.tn.gov/environment/program-areas/wr-water-resources/srfp/srf-home/srf-subsidy-and-ability-to-pay-index.html>
 - OR google TDEC SRF
- List of city and county ATPI and population for years 2020, 2021, 2022 and 2023
- Subsidy
- SRF Determined Interest Rates
- Link to University of Tennessee ATPI dashboard
 - Interactive map where stakeholders can select their community, view and download information on the economic health of either cities or counties
 - Socio-economic chart that compares community selected to the TN average
 - Data based on the variables used to determine an ATPI value

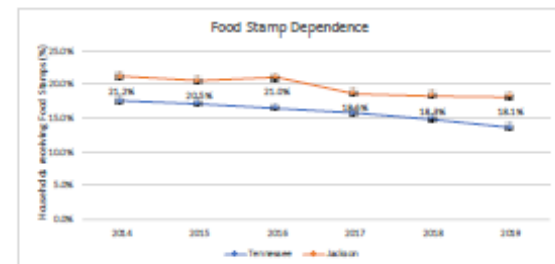
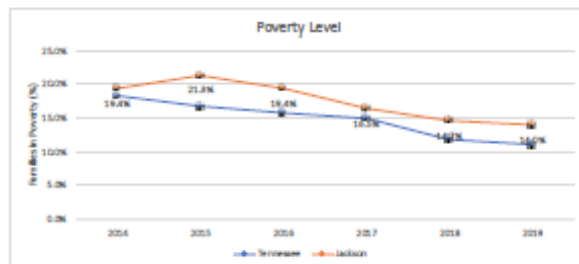
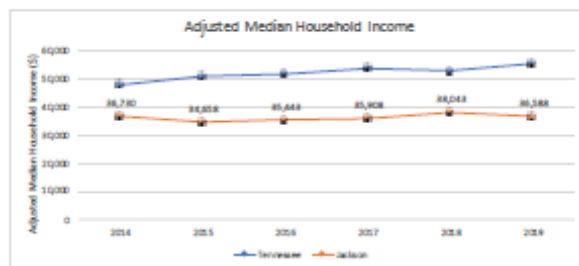
Available for all Counties and Cities

Select County →	Jackson	Tennessee	Relative Trend	Tennessee
Change in Population (2010-2019)	1.7%	7.6%	Growth below state average	
Poverty Level (2019)	14.0%	11.1%	Above state average	
Unemployment Rate (2020)	7.5%	6.4%	Somewhat above state average	
Food Stamps (2019)	18.1%	13.6%	Above average reliance	
Adjusted Median Household Income (2019)	\$36,588	\$55,411	Very low MHI	

Jackson	2010	2019
Population	11,491	11,682
Adjusted Median Household Income	\$38,520	\$36,588

Ability to Pay Index
30

UT EXTENSION
INSTITUTE OF AGRICULTURE
THE UNIVERSITY OF TENNESSEE



- **Disadvantage Communities**

- ATPI of 50 or less
- Maintains the threshold established in 2020
- Still captures more than 50% of TN communities

- **SRF Determined Interest Rate**

- $\text{SRF Base Rate} \times \text{ATPI Factor} = \text{SRF Determined Interest Rate}$
- Four ATPI Ranges
 - 0-20 = multiplier of 40%
 - 30-40 = multiplier of 60%
 - 50-60 = multiplier of 80%
 - 70 and above = multiplier of 100%
- The multipliers can be altered to reflect economic conditions on an annual basis per policy update

SRF Determined Interest Rates and Terms

2023 City SRF Determined Interest Rates							
SRF Base Rate (BR) Changes		2.74%	2.60%	2.75%	2.94%	3.10%	3.22%
weekly							
SRF Determined Interest Rate Based on 2023 ATPI		Loan Terms					
ATPI Range	ATPI Factor	5 Years	10 Years	15 Years	20 Years	25 Years	30 Years
0-20	BR * 40%	1.10%	1.04%	1.10%	1.18%	1.24%	1.29%
30-40	BR * 60%	1.64%	1.56%	1.64%	1.76%	1.86%	1.93%
50-60	BR * 80%	2.19%	2.08%	2.19%	2.35%	2.48%	2.58%
70-100	SRF Base Rate	2.74%	2.60%	2.75%	2.94%	3.10%	3.22%
SRF Awarded Interest Rate Based on 2023 ATPI		Loan Terms					

The maximum term of a loan is 30 years, or the useful life of the project whichever is shorter

Small and Disadvantage Communities (SDC)

- Governor Bill Lee's Executive Order #1
- TDEC mission and priorities
- DWR mission and priorities



Target SRF on building opportunities for Small and Disadvantaged Communities (SDCs)– an effort to bring financial and technical assistance to SDCs with a focus on water quality, sustainability and resilience

Identify – Fund – Assist SDCs

- Improved mechanism of **identifying** small and disadvantaged communities (SDCs)
 - Development of the Ability To Pay Index (ATPI)
- Subsidy-develop a **funding** strategy for SDCs
 - SRF Interest Rates based on ATPI
 - Standard and Priority Project Principal Forgiveness
- **Assist** with specific project development
 - Provide direct and indirect **technical assistance**
 - Create **tools** SDCs can use
- Gather **data** on SDCs to better understand future needs



SRF Principal (Loan) Forgiveness for SDCs

- **CWSRF Base Capitalization Grant requires at least 20% of capitalization grant** dedicated to principal forgiveness
- 50% Priority Principal Forgiveness
 - Small communities of 20,000 or less
 - Planning and Design loans only
- 20% standard principal (loan) forgiveness
 - ATPI of 50 or less
 - Must include construction
 - First come, first serve based on readiness to proceed
 - Maximum of \$2.5 million in principal forgiveness per project
 - Certain projects may be combined with GPR Principal Forgiveness



SRF Principal (Loan) Forgiveness for SDCs (cont.)

- **CWSRF BIL General Supplemental** Grant requires 49% of capitalization grant dedicated to principal forgiveness
- 50% BIL Funding principal (loan) forgiveness
 - ATPI of 50 or less
 - Must include construction
 - First come, first serve based on readiness to proceed
 - Maximum of \$5 million in principal forgiveness per project



Cannot be combined with other forms of Principal Forgiveness

Other Subsidy: Green Project Reserve (GPR)

- Provide principal forgiveness
 - 20% of the loan; not to exceed \$2.5 million in principal forgiveness per project
- Examples of eligible project categories
 - Water Efficiency
 - Energy Efficiency
 - Green Infrastructure and Stormwater BMPs
 - Resilient, Sustainable, and Environmentally Innovative



Green Project Reserve Subsidy

- **EPA sets CWSRF minimum set aside is 10% of each cap grant**
- **TDEC has set** a goal for 18% of each capitalization grant to fund green projects

Eligibility

- Planning and design loans **are not eligible**
- 20% of project costs must be considered green
- All TN communities eligible
- Projects must have at least one green criteria
 - Increase water efficiency
 - Increase energy efficiency
 - Reduce storm water runoff
 - Recycle/reuse water
 - Production/use of clean energy
 - Establish or restore wetlands
 - Reduce, prevent, or remove non-point source pollution
 - Build system resiliency from an identified hazard while addressing one or more criteria above

Technical Assistance Program for SDCs

- Provide direct and indirect technical assistance with partner provider, Tennessee Association of Utility Districts
 - Workshops on timely topics
 - Planning and design reviews
 - Nutrient and energy optimization programs
 - TN Infrastructure Scorecard
 - Business Action Plans
 - Capital Improvement Plans

Emerging Contaminants in Small or Disadvantaged Communities (EC-SDC) grant program

- Focuses funding on public water systems addressing emerging contaminants
- Enables small or disadvantaged systems to identify EC and make improvements to mitigate or eliminate EC from the system
- Projects must be eligible for funding under SDWA §1459A(a) through (j), except that (g) cost-sharing is not required, and the primary purpose must be to address one or more emerging contaminants, including PFAS, in drinking water.

EXAMPLES OF ELIGIBLE PROJECTS

For a project to be eligible for funding, the project must be located in a small or disadvantaged community. A project proposal submitted must also indicate in the narrative that the primary purpose for funding is to address emerging contaminants in drinking water. EPA anticipates these projects will prioritize the reduction of PFAS as the primary contaminant. All other projects addressing any emerging contaminant, as long as said contaminant is listed in EPA's Contaminant Candidate Lists, are also eligible for funding.

EXAMPLES OF ELIGIBLE PROJECTS INCLUDE:

- Build new treatment facilities with emerging contaminant removal capability
- Upgrade existing treatment facilities (i.e., expanding/adding new treatment equipment)
- Source exploration and new source development
- Consolidation with another water system that does not have emerging contaminants present or has removal capability
- Project planning and design
- Pilot testing for treatment alternatives
- Project pre-development activities
- Technical assistance to diagnose emerging contaminant problems at their water systems
- Incorporating training on PFAS and emerging contaminants into state operator certification materials
- System training to show operators how to conduct the monitoring for emerging contaminants or special-purpose monitoring at a facility that has not previously tested for emerging contaminants
- Laboratory testing equipment such as supplying water test kits and instructions to households
- Source water protection activities such as implementation of voluntary source water protection activities in delineated drinking water source areas (as defined in SDWA section 1453)

Questions or Comments?

1. First, we will start with those that are **in person**
2. Then, we will take questions from **virtual attendees**:
 - Type your questions in the chat box or
 - Raise your virtual hand
3. Last, we will take questions from **callers**:
 - Press *6 to unmute yourself and state your name



Additional Comments?

- Submit written comments by **July 26, 2023**, by email to Brenden.Barney@tn.gov or mail to:

TN Department of Environment & Conservation
Div. of Water Resources, State Revolving Fund
William R. Snodgrass Tennessee Tower
312 Rosa L. Parks Avenue, 12th Floor
Nashville, Tennessee 37243

- These instructions are also available in the public notice.





Department of
**Environment &
Conservation**

Thank you!

Public Meeting Agenda

9:00 AM: Clean Water State Revolving Fund Informational Session

- Welcome and Overview
- Presentation from TDEC
- Question and Answer Session

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- Welcome and Overview
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Drinking Water SRF Intended Use Plan (IUP) FFY 2023/ SFY 2024

**Public Meeting
June 27, 2023**

Meeting Purpose

- Federal Fiscal Year (FFY) 2023 /State Fiscal Year (SFY) 2024 Draft Intended Use Plan (IUP) for the Drinking Water State Revolving Fund (CWSRF) capitalization grant
- The IUP is an outline of the intended use of the DWSRF. It contains:
 - Priority Ranking List of eligible drinking water and source water protection projects
 - Details on the use of set-asides monies for non-project activities
 - DWSRF loan program goals
 - Criteria and methods used for distributing funds

DWSRF BUDGET

- The State of Tennessee's allotment of FFY 2023 DWSRF Capitalization Grant is **\$8,312,000**.
 - The State required match is 20% of the federal allocation or \$1,662,400 to receive the full allotment.
- The State's allotment of FFY 2023 DWSRF BIL Supplemental Capitalization Grant is **\$35,443,000**.
 - The State required match is 10% of the federal allocation or \$3,544,300 to receive the full allotment.
- The EPA Capitalization Grant plus State match provides an expected **\$48,961,700** in funds available for the DWSRF program in SFY 2024.

DWSRF IUP: Program Overview

- The Drinking Water SRF is a federal-state partnership program to assist public water systems (PWS) in attaining safe and reliable drinking water created through the 1996 Amendments to the Safe Drinking Water Act (SDWA)
- The Tennessee General Assembly passed the “Drinking Water Revolving Fund Act of 1997” to provide low interest loans to local government to finance water infrastructure improvement projects
- The SRF program supports TDEC’s mission to protect and promote human health & safety, and to protect and improve water quality across the state by helping communities afford safe, sustainable and resilient water systems

DWSRF IUP: Document Content

- Long-term Goals
- Short-term Goals
- Priority Ranking System (including Priority Ranking List)
- Financial Status
- Criteria and Methods for Distribution of Funds
- Set-aside Activities
- FFY 2023 Appropriations Bill & Other Requirements

All documents will be posted on the SRF website:

<https://www.tn.gov/environment/program-areas/wr-water-resources/srfp.html>

DWSRF IUP: Goals...

- **Ensure a safe and adequate water supply** for small communities through maximizing the small community participation in the DWSRF program
- Provide assistance for projects, to **facilitate compliance with national primary drinking water regulations under section 1412 of the SDWA** or otherwise significantly further the health protection objectives of the Act (section 1452(a)(2))
- Protect and enhance the water quality in Tennessee by ensuring the **technical integrity of funded projects**
- **Maintain the long-term financial integrity of the DWSRF program** through the judicious use and management of its assets and by realizing an adequate rate of return, preventing fraud, waste, and abuse
- Ensure the use of **accounting, audit, and fiscal procedures** that conform with General Accepted Accounting Principles (GAAP) as issued by the Government Accounting Standards Board (GASB)

DWSRF IUP: Financial Status

Financial Status of Funds for the DWSRF Loan Program	
Prior-Year (SFY2023) Carry-forward Funds*	\$85,871,313
Principal repayments **	\$11,028,000
Loan Interest Income**	\$1,217,000
Treasury Interest Income**	\$232,000
FFY 2023 Base Capitalization Grant	\$8,312,000
20% of FFY 2023 Base Capitalization Grant matched by State	\$1,662,400
FFY 2023 BIL General Supplemental Capitalization Grant	\$35,443,000
10% of FFY 2023 BIL General Supplemental Capitalization Grant by the State	\$3,544,300
Less Set-Asides:	
4% Administration - General Capitalization Grant \$332,480	
4% Administration - BIL Supplemental Capitalization Grant \$1,417,720	
7.5% State Program Management Public Water Supply Supervision (PWSS) - BIL Supplemental Capitalization Grant \$2,835,800	
2% State Program Management Operator Certification BIL Supplemental Capitalization Grant \$708,860	
Small System Technical Assistance (SMS) - BIL Supplemental Capitalization Grant \$708,860	
Local Assistance - Sourcewater Protection - BIL Supplemental Capitalization Grant \$447,884	
	(\$6,451,604)
DWSRF Loan Program Project Funds***	\$137,668,409
*Estimated balance at June 30, 2022, pre-year-end adjustments	
** Estimated principal, interest, and treasury interest for SFY 2023	

Table 1: Financial Status of Funds for the DSRF Loan Program

DWSRF IUP: Set-aside Activities

- As authorized by the Safe Drinking Water Act §1452(g) and §1452(k), the DWSRF program plans to use approximately **\$6,451,604** in federal funding for eligible set-aside activities

4% Administration - General Capitalization Grant	\$332,480
4% Administration - BIL Supplemental Capitalization Grant	\$1,417,720
7.5% State Program Management Public Water Supply Supervision (PWSS) - BIL Supplemental Capitalization Grant	\$2,835,800
2% State Program Management Operator Certification BIL Supplemental Capitalization Grant	\$708,860
Small System Technical Assistance (SMS) – BIL Supplemental Capitalization Grant	\$708,860
Local Assistance - Sourcewater Protection – BIL Supplemental Capitalization Grant	\$447,884

DWSRF IUP: Priority Ranking System

- Solicitation for the DWSRF Priority Ranking List occurs at **beginning of calendar year** and **early fall**
- Applicants seeking funding must submit a DWSRF Questionnaire containing: detailed project description, project need, total project cost, projected construction start and completion dates, requested loan amount, and term of the loan
- Projects are prioritized (**Priority Ranking List**) by those that address reducing risks to human health or those working to maintain or improve compliance with SDWA
- Projects are scored from 0-100, with highest scores given to those that address serious, acute risks to human health
- Projects with the same scores will be ranked based on consideration of **Ability to Pay Index (ATPI)** and population served to assist smaller and less affluent communities

DWSRF IUP: Eligible Projects

Eligible Drinking Water Project Categories

- Water Quality Issues
- Source or Capacity Challenges
- Water Storage
- Leakage Problems
- Pressure Issues
- Replacement or Rehabilitation Needs
- Water Line Extensions
- Regional Drinking Water Consolidation
- New Drinking Water Systems

Projects and activities *not* eligible for funding and primarily intended for the following:

- Future growth
- Economic development
- Fire protection
- Laboratory fees for monitoring
- Operation and maintenance expenses

DWSRF IUP: Funding Projects

- Projects are ranked based on the highest number of priority points awarded on the **2023 DWSRF Priority Ranking List (PRL)** (Section 1452(b) of the SDWA)
- SRF gives priority to communities with projects that are **ready to proceed**
- Upon receipt of the FFY 2023 Capitalization Grants, TDEC will contact all communities with projects on the 2023 PRL with a funding **notification letter**
- Communities that do not respond to the funding notification letter or are not ready to proceed may be **bypassed**
- The term of the loan is a maximum of 30 years (**America's Water Infrastructure Act - AWIA 2018**), or the useful life of the project whichever is shorter

DWSRF IUP: Financial & Technical Capacity

- The State is required under Section 1452(a) (3) of the SDWA to develop a process to **assess the technical, financial, and managerial capacity of water systems before a loan can be awarded**
- SRF loan applicants in significant noncompliance will be required to demonstrate to the DWSRF Loan Program that the proposed DWSRF project will ensure **compliance** (SDWA §1452 (3)(B) (i-ii))
- SRF will assess the loan applicant's managerial, technical, and financial capacity prior to recommending the loan for approval to the **Tennessee Local Development Authority Board**
- SRF will not recommend approval of loans that cannot demonstrate **sufficient capacity to operate, maintain, and manage assets**

DWSRF IUP: Legislative Requirements

- The **Davis-Bacon** and related Acts, apply to contractors and subcontractors performing on federally funded or assisted contracts in excess of \$2,000 for the construction, alteration, or repair (including painting and decorating) of public buildings or public works. Davis-Bacon Act and related Act contractors and subcontractors must pay their laborers and mechanics employed under the contract no less than the locally prevailing wages and fringe benefits for corresponding work on similar projects in the area.
- The **American Iron and Steel** (AIS) provision requires Clean Water State Revolving Fund (CWSRF) and Drinking Water State Revolving Fund (DWSRF) assistance recipients to use iron and steel products that are produced in the United States. This requirement applies to projects for the construction, alteration, maintenance, or repair of a public water system or treatment works and if the project is funded through an assistance agreement executed beginning January 17, 2014.
- **Build America, Buy America (BABA) Act:** The Bipartisan Infrastructure Law Title IX, Subtitle A, Part 1 requires all federal equivalency projects, that are funded after May 14, 2022, met BABA requirements. BABA requires all of the iron, steel, manufactured products, and construction materials used in the project be produced in the United States. Iron and Steel products will still have to comply with AIS guidelines. For manufactured projects to meet BABA requirements, the cost of components that are mined, produced, or manufactured in the United States must be 55% or more of the total cost of all components, and does not include labor costs. Common construction materials include non-ferrous metals, plastic, and polymer-based products (including polyvinylchloride, composite building materials, and polymers used in fiber optic cables, glass (including optic glass), lumber, and drywall.

The AIS provision is a permanent requirement for all CWSRF projects. The America's Water Infrastructure Act of 2018 extends the AIS provision for DWSRF projects through Fiscal Year 2023.

DWSRF IUP: Legislative Requirements

Disadvantaged Business Enterprise (MBE)/Women's Business Enterprise (WBE) Goal

- Reporting is required for assistance agreements where funds are budgeted for construction, equipment, services and supplies with a cumulative total that exceed the threshold amount of \$250,000, including amendments and/or modifications. When reporting is required, all procurement actions are reportable, not just that portion which exceeds \$250,000.
- **Six good faith efforts:**
 - Ensure DBEs are made aware of contracting opportunities to the fullest extent practicable
 - Make information on forthcoming opportunities available to DBEs
 - Consider in the contracting process whether firms competing for large contracts could subcontract with DBEs
 - Encourage contracting with a consortium of DBEs when a contract is large
 - Use the services and assistance of the SBA and the Minority Business Development Agency of the Department of Commerce
 - If the prime contractor awards subcontracts, require the prime contractor to take action steps that support all good faith efforts

DWSRF IUP: EPA Reporting Requirements

- DBE report
- DWSRF Project Benefits Report (PBR)
- Annual Report (Section 1452 of the SDWA)

Competitive Interest Rates and Subsidy

Using the Ability To Pay Index

- Determine a community's financial capacity and economic position
- Creating a threshold for Principal (Loan) Forgiveness
- Setting SRF Determined Interest Rates
- Awarding Subsidy



DWSRF Ability To Pay Index

- The Ability To Pay Index (ATPI) is required for administration of SRF loans by the Water Resources Reform and Development Act (WRRDA) of 2014 (H.R. 3080)
- SRF and ECD (and other State partners) need a method for assessing community ability to pay for loans, grants, and other decision-making purposes
- With the updated ATPI, we are able to assess trends and update data annually to understand what is happening in TN communities

ATPI Criteria and Economic Trend Data

- WRRDA (2014) minimum criteria for assessing community ability to pay:
 - ✓ Population trend
 - ✓ Income
 - ✓ Unemployment
 - ✓ “Any other metrics”
- The 2023 ATPI includes multi-year trends on the following:
 - ✓ **Census Data** – Population trends, median household income, and food stamp dependence
 - ✓ **Economic Data** – Unemployment rates, poverty rates
 - ✓ **Financial Index** – revenues, debts, income, and expenditures

ATPI Webpage and Dashboard

- Ability To Pay Index addition to the website
 - <https://www.tn.gov/environment/program-areas/wr-water-resources/srfp/srf-home/srf-subsidy-and-ability-to-pay-index.html>
 - OR google TDEC SRF
- List of city and county ATPI and population for years 2020, 2021, 2022 and 2023
- Subsidy
- SRF Determined Interest Rates
- Link to University of Tennessee ATPI dashboard
 - Interactive map where stakeholders can select their community, view and download information on the economic health of either cities or counties
 - Socio-economic chart that compares community selected to the TN average
 - Data based on the variables used to determine an ATPI value

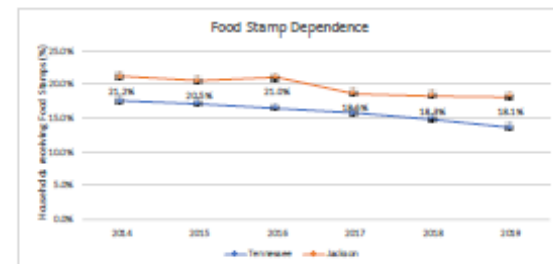
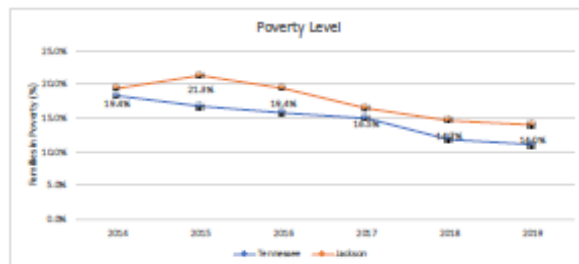
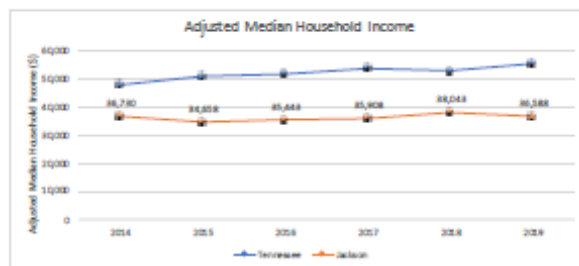
Available for all Counties and Cities

Select County →	Jackson	Tennessee	Relative Trend	Tennessee
Change in Population (2010-2019)	1.7%	7.6%	Growth below state average	
Poverty Level (2019)	14.0%	11.1%	Above state average	
Unemployment Rate (2020)	7.5%	6.4%	Somewhat above state average	
Food Stamps (2019)	18.1%	13.6%	Above average reliance	
Adjusted Median Household Income (2019)	\$36,588	\$55,411	Very low MHI	

Jackson	2010	2019
Population	11,491	11,682
Adjusted Median Household Income	\$38,520	\$36,588

Ability to Pay Index
30

U-EXTENSION
INSTITUTE OF AGRICULTURE
THE UNIVERSITY OF TENNESSEE



SFY 2024 Updates

- **Threshold for Principal Forgiveness**
 - ATPI of 50 or less
 - Maintains the threshold of 50 from 2020
 - Still captures more than 50% of TN communities
- **New SRF Determined Interest Rate**
 - $\text{SRF Base Rate} \times \text{ATPI Factor} = \text{SRF Determined Interest Rate}$
 - Four ATPI Ranges
 - 0-20 has multiplier of 40%
 - 30-40 = multiplier of 60%
 - 50-60 = multiplier of 80%
 - 70 and above = multiplier of 100%
 - The multipliers can be altered to reflect economic conditions on an annual basis per policy update

SRF Determined Interest Rates and Terms

2023 City SRF Determined Interest Rates							
SRF Base Rate (BR) Changes		2.74%	2.60%	2.75%	2.94%	3.10%	3.22%
weekly							
SRF Determined Interest Rate Based on 2023 ATPI		Loan Terms					
ATPI Range	ATPI Factor	5 Years	10 Years	15 Years	20 Years	25 Years	30 Years
0-20	BR * 40%	1.10%	1.04%	1.10%	1.18%	1.24%	1.29%
30-40	BR * 60%	1.64%	1.56%	1.64%	1.76%	1.86%	1.93%
50-60	BR * 80%	2.19%	2.08%	2.19%	2.35%	2.48%	2.58%
70-100	SRF Base Rate	2.74%	2.60%	2.75%	2.94%	3.10%	3.22%
SRF Awarded Interest Rate Based on 2023 ATPI		Loan Terms					

The maximum term of a loan is 30 years, or the useful life of the project whichever is shorter

Small and Disadvantage Communities (SDC)

- Governor Bill Lee's Executive Order #1
- TDEC mission and priorities
- DWR mission and priorities



Target SRF on building opportunities for Small and Disadvantaged Communities (SDCs)– an effort to bring financial and technical assistance to SDCs with a focus on water quality, sustainability and resilience

Identify – Fund – Assist SDCs

- Improved mechanism of **identifying** small and disadvantaged communities (SDCs)
 - Development of the Ability To Pay Index (ATPI)
- Subsidy-develop a **funding** strategy for SDCs
 - SRF Interest Rates based on ATPI
 - Standard and Priority Project Principal Forgiveness
- **Assist** with specific project development
 - Provide direct and indirect **technical assistance**
 - Create **tools** SDCs can use
- Gather **data** on SDCs to better understand future needs



SRF Principal (Loan) Forgiveness for SDCs

- **DWSRF Base Capitalization Grant requires at least 26% of capitalization grant** dedicated to principal forgiveness
- 50% Priority Principal Forgiveness
 - Small communities of 20,000 or less
 - Planning and Design loans only
- 20% standard principal (loan) forgiveness
 - ATPI of 50 or less
 - Must include construction
 - First come, first serve based on readiness to proceed
 - Maximum of \$2.5 million in principal forgiveness per project
 - Certain projects may be combined with GPR Principal Forgiveness



SRF Principal (Loan) Forgiveness for SDCs (cont.)

- **DWSRF BIL General Supplemental**
Grant requires 49% of capitalization grant dedicated to principal forgiveness
- 50% BIL Funding principal (loan) forgiveness
 - ATPI of 50 or less
 - Must include construction
 - First come, first serve based on readiness to proceed
 - Maximum of \$5 million in principal forgiveness per project



Cannot be combined with other forms of Principal Forgiveness

Other Subsidy: Green Project Reserve (GPR)

- Provide principal forgiveness
 - 20% of the loan; not to exceed \$2.5 million in principal forgiveness per project
- Examples of eligible project categories
 - Water Efficiency
 - Energy Efficiency
 - Green Infrastructure and Stormwater BMPs
 - Resilient, Sustainable, and Environmentally Innovative



Green Project Reserve Subsidy

- EPA allows states to establish funding amounts for GPR at the state's discretion
- **TDEC SRF** has a **goal** for 18% of each capitalization grant to fund green projects

Eligibility

- Planning and design loans **are not eligible**
- 20% of project costs must be considered green
- All TN communities eligible
- Projects must have at least one green criteria
 - Increase water efficiency
 - Increase energy efficiency
 - Reduce storm water runoff
 - Recycle/reuse water
 - Production/use of clean energy
 - Establish or restore wetlands
 - Reduce, prevent, or remove non-point source pollution
 - Build system resiliency from an identified hazard while addressing one or more criteria above

Technical Assistance Program for SDCs

- Provide direct and indirect technical assistance with partner provider, Tennessee Association of Utility Districts
 - Workshops on timely topics
 - Planning and design reviews
 - Nutrient and energy optimization programs
 - TN Infrastructure Scorecard
 - Business Action Plans
 - Capital Improvement Plans

Emerging Contaminants in Small or Disadvantaged Communities (EC-SDC) grant program

- Focuses funding on public water systems addressing emerging contaminants
- Enables small or disadvantaged systems to identify EC and make improvements to mitigate or eliminate EC from the system
- Projects must be eligible for funding under SDWA §1459A(a) through (j), except that (g) cost-sharing is not required, and the primary purpose must be to address one or more emerging contaminants, including PFAS, in drinking water.

EXAMPLES OF ELIGIBLE PROJECTS

For a project to be eligible for funding, the project must be located in a small or disadvantaged community. A project proposal submitted must also indicate in the narrative that the primary purpose for funding is to address emerging contaminants in drinking water. EPA anticipates these projects will prioritize the reduction of PFAS as the primary contaminant. All other projects addressing any emerging contaminant, as long as said contaminant is listed in EPA's Contaminant Candidate Lists, are also eligible for funding.

EXAMPLES OF ELIGIBLE PROJECTS INCLUDE:

- Build new treatment facilities with emerging contaminant removal capability
- Upgrade existing treatment facilities (i.e., expanding/adding new treatment equipment)
- Source exploration and new source development
- Consolidation with another water system that does not have emerging contaminants present or has removal capability
- Project planning and design
- Pilot testing for treatment alternatives
- Project pre-development activities
- Technical assistance to diagnose emerging contaminant problems at their water systems
- Incorporating training on PFAS and emerging contaminants into state operator certification materials
- System training to show operators how to conduct the monitoring for emerging contaminants or special-purpose monitoring at a facility that has not previously tested for emerging contaminants
- Laboratory testing equipment such as supplying water test kits and instructions to households
- Source water protection activities such as implementation of voluntary source water protection activities in delineated drinking water source areas (as defined in SDWA section 1453)

Questions or Comments?

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Additional Comments?

- Submit written comments by **July 27, 2023**, by email to Brenden.Barney@tn.gov or mail to:

TN Department of Environment & Conservation
Div. of Water Resources, State Revolving Fund
William R. Snodgrass Tennessee Tower
312 Rosa L. Parks Avenue, 12th Floor
Nashville, Tennessee 37243

- These instructions are also available in the public notice.





Department of
**Environment &
Conservation**

Thank you!

Public Meeting Agenda

9:00 AM: Clean Water State Revolving Fund Informational Session

- Welcome and Overview
- Presentation from TDEC
- Question and Answer Session

10:15 AM: Drinking Water State Revolving Fund Informational Session

- Welcome and Overview
- Presentation from TDEC
- Question and Answer Session

11:30 AM: State Water Infrastructure Grants Informational Session

- Welcome and Overview
- Presentation from TDEC
- Question and Answer Session

Introductions

- Facilitator: Tara Pedraza, Deputy Director
Office of External Affairs - Nashville
- Presenter: Vena L. Jones, Manager
State Revolving Fund & Water Infrastructure Grants
Division of Water Resources
- Virtual Host: Chuck Yoest, Regional Director
Office of External Affairs - Columbia
- Additional TDEC Staff: Seth McCormick, Technical Lead
SWIG Unit – Division of Water Resources

MS Teams Hybrid Meeting Information

- Information on how to join the online meeting is available at tn.gov/environment
 - Public Participation on the main menu
 - Water Resources Notices and Hearings
 - Links for the public meeting with today's date: 06/27/2023
 - Today's slideshow will be posted on the [SRF website](#).
- You may also call into the meeting by dialing 629-209-4396
 - Conference ID: 838 168 905#
 - Callers can mute and un-mute by dialing *6
- For technical difficulties, call 931-922-8121
 - This number is for Chuck Yoest, our virtual host

**State Water Infrastructure
Grants (SWIG) SRF Intended
Use Plan (IUP)
FFY 2023 / SFY 2024**

**Public Meeting
June 27, 2023**

Meeting Purpose

- The SRF program is teaming up with the State Water Infrastructure Grants (SWIG) program to release new funding opportunities!
- Lead Service Line Inventory Grants
 - Release of Grant Manuals August 1, 2023
- Asset Management Plan (AMP) Grant program.
 - Release of Grant Manuals August 1, 2023
 - Entities that applied for an AMP SRF loan last year are on the list to receive an AMP grant this year.

DWSRF LSL Available Award Dollars

- FFY 2022 DWSRF BIL Lead Service Line available award dollars
 - **\$49,243,000**
- LSL Set Asides for Inventory and Planning Grants is **\$7,857,119**
- FFY 2023 DWSRF BIL Lead Service Line available award dollars
 - **\$89,756,000**
- LSL Set Asides for Inventory and Planning Grants is **\$8,975,600**
- **Total Available Lead Service Line Inventory Grants: \$16,832,719**



Lead Service Line Inventory Grant

Lead Service Line Inventory Overview

This funding will be used for:

- PWSs to investigate Lead Service Line (LSL) issues in their service area;
- Establish compliant inventories as well as provide dollars for planning and design for full lead service line replacement (LSLR);
- Allow for the rapid identification and inventory of LSLs; and
- Ensure PWSs have a plan that will lead to a pipeline of projects for LSL replacement financed with State Revolving Fund (SRF) loans.

Grant Eligibility

Counties and
Cities

Water Utility
Districts

Water Utility
Authorities or
Similarly Governed
Bodies

Non-profit water
infrastructure
systems

Priority for Disadvantaged Communities

- A key priority of Bipartisan Infrastructure Law funding is to ensure disadvantaged communities benefit equitably from the investment funding.
- SRF uses Ability To Pay Index (ATPI)
- Threshold for disadvantaged is 50 or less
- Small communities are those with population of 20,000 or fewer.
- Communities with greater economic need and smaller population will be given higher ranking during the evaluation and scoring.

Lead Service Line Inventory Activities

- This list is not all-inclusive:
 - Historical records review
 - Gathering information from customers
 - GIS Mapping
 - Exploratory digging/potholing
 - Inspections on private side
 - LSL Replacement Plan Development

Lead Service Line Inventory Ineligible Activities

- This list is not all-inclusive:
 - Corrosion control studies
 - Corrosion control Infrastructure
 - Water Meters
 - Funding for Bottled Water and/or Pitcher Filters
 - Premise Plumbing Assistance
 - Construction activities are not eligible under this grant

Lead Service Line Inventory Funding and Match Requirements

- \$16,832,719 in funding will be awarded
- Max award amount is \$100,000
- Match amounts:
 - Based on the 2023 Ability to Pay Index (ATPI) for the project area served
- Match sources:
 - Eligible: Cash and Third-Party In-Kind Contributions

Grant applicants with an associated ATPI of....

<= 50

60 - 80

90 - 100

Have a co-funding requirement of...

15%

20%

25%



Asset Management Planning Grant

Asset Management Plan Grant Overview

This funding will be used for:

- Establish, revise or expand Asset Management Plans:
 - Inventory and Condition;
 - Level of Service;
 - Critical Assets;
 - Capital Improvement Plan; and
 - Rate Evaluation
- Building Asset Management Plans that conform to TDEC's minimum guide requirements:
https://www.tn.gov/content/dam/tn/environment/arp/documents/arp_tn-amp-guide.pdf

Grant Eligibility

Counties and
Cities

Water Utility
Districts

Water Utility
Authorities or
Similarly Governed
Bodies

Asset Management Plan Activities

- This list is not all-inclusive:
 - Asset Inventory
 - Digital Mapping
 - Condition Assessment
 - Writing and developing plan
 - Database infrastructure or software
 - Funding Analysis (satisfies SRF Fiscal Sustainability requirements)
 - Contracting with consulting firms

Asset Management Plan Funding Allocations

- Entities previously on 2022 Priority Ranking List
- Communities with an ATPI of 50 or less
 - Maximum grant allocation of \$375,000
 - Required to have a 25% match
- Communities with an ATPI of 60 or greater
 - Maximum grant allocation of \$250,000
 - Required to have a 50% match
- Streamlined application process
- Grantees will work through the Grants Management System

Asset Management Plan Funding Allocations

- Entities not on previous Priority Ranking Lists will be required to apply in TDEC's Grant Management System in the Fall.
- The maximum award for these entities will be \$200,000. Match considerations will be on next slide.
- These entities will apply and answer narrative-based questions in TDEC's Grant Management System.

Asset Management Plan Match Requirements

- **Match amounts:**

- Based on the 2023 Ability to Pay Index (ATPI) for the project area served

- **Match sources:**

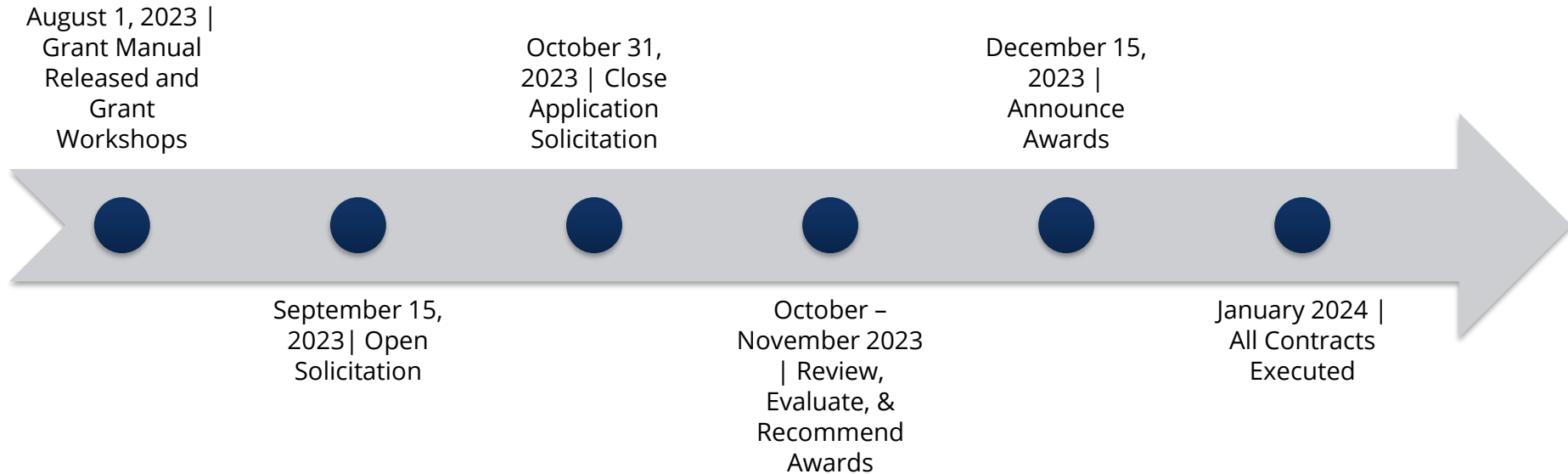
- Eligible: Cash and Third-Party In-Kind Contributions

Grant applicants with an associated ATPI of...		
<= 50	60 - 80	90 - 100
Have a co-funding requirement of...		
15%	20%	25%



Grant Submission Process

Timeline



Grant Application Submission

Every grant application must contain the following components:



Designated grant applicant



Description and narrative of proposal



Uploaded Tennessee Infrastructure Scorecard



Detailed proposal and project budget and deliverables timeline



Match requirements



Proposal details – 250-word responses to grant-specific questions



Technical project information

Application Evaluation Methodology

TDEC will form a panel of subject matter experts to review applications.



TDEC will conduct an **administrative review** of each application for **completeness, accuracy, and eligibility** before initiating the technical evaluation.



Proposals will be evaluated using a **scoring rubric** based on a 100-point system. Proposals will be ranked relative to other proposals.

The scoring rubric consists of **Community/ System** Considerations and **Proposal** Considerations.

During the review, TDEC may contact the grant applicant with questions or ask for additional information.

Grant applicants are not allowed to revise or add to applications following submission. Incomplete applications may not be eligible for funding.

*Scoring Rubric and evaluation criteria are still in development and will be included in the grant manual.

Next Steps

Publish the grant manual before application solicitation opens

Systems should be prepared to work on applications Fall 2023

Complete TN Infrastructure Scorecard, if applicable

Review resources on the next slides

Lead Service Line Inventory Resources

- LSLI – FAQ: https://www.tn.gov/content/dam/tn/environment/water/drinking-water-unit/wr_wq_dw-lsli-faq.pdf
- Lead Service Line Inventory Data Sheet: https://www.tn.gov/content/dam/tn/environment/water/drinking-water-unit/wr_wq_dw-lsli-data-sheet.xlsx
- Guidance for Developing and Maintaining a Service Line Inventory: [https://www.epa.gov/system/files/documents/2022-08/Inventory%20Guidance August%202022 508%20compliant.pdf](https://www.epa.gov/system/files/documents/2022-08/Inventory%20Guidance%20August%202022%20508%20compliant.pdf)
- TDEC Grant Management System: <https://www.tn.gov/environment/about-tdec/grants/program-areas.html>
- Review of the National Primary Drinking Water Regulation: Lead and Copper Rule Revisions: <https://www.govinfo.gov/content/pkg/FR-2021-12-17/pdf/2021-27457.pdf>.
- BIL MEMO: https://www.epa.gov/system/files/documents/2022-03/combined_srf-implementation-memo_final_03.2022.pdf
- TN Infrastructure Scorecard: <https://www.tn.gov/environment/program-areas/wr-water-resources/srfp/srf-home/resources-and-technical-assistance/tn-infrastructure-scorecard.html>

Asset Management Plan Resources

- Tennessee Asset Management Plan Guide:
https://www.tn.gov/content/dam/tn/environment/arp/documents/arp_tn-amp-guide.pdf
- Tennessee Asset Management Plan Data Sheets:
<https://www.tn.gov/environment/arp/resources.html>
- EPA Asset Management Plans: <https://www.epa.gov/dwcapacity/about-asset-management>
- EPA Asset Management 101 for Small Water and Wastewater Systems:
<https://www.epa.gov/sites/default/files/2015-10/documents/assetmgt101.pdf>

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William R. Snodgrass Tennessee Tower 312
Rosa L. Parks Avenue, 12th Floor
Nashville, Tennessee 37243

- These instructions are also available in the public notice.



TN



Thank you!



TN

Department of
Environment &
Conservation

TDEC thanks you for your participation and attendance today!